

[Gas Turbine Combustor End Cover]

Abstract

An end cover for a gas turbine combustor that eliminates the use of braze joints within the plate portion of the end cover is disclosed. The end cover comprises a plate and a plurality of fluid inlets with the fluid inlets directing fluids to first and second manifolds machined into the end cover. The fluids within the end cover are kept separate proximate each of the plurality of first openings by a wall that is integrally formed from a portion of the end cover plate.